Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start		Rating **	Α	Issue No.		5	
LM End		Issue Type +	Ма	Location * N/A			
Category	Earthen Levee			GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item		s & Maintenaı	nce		0		0
пеш	Manuals			0		0	
DWR ID DWR_RD0108_01_s _ 2013_5							
		Comn	nent Cod	le			
		Inspecto	or Comm	nent			
RD 108 has O&M manuals.							

No Photos

	Rating **	Α	Issue No.		7	
	Issue Type +	Ма	Location *		N/A	
Earthen L	evee		GPS La	atitud	le/Longitude	
			Start		End	
				0		0
Equipment				0		0
DWR_RD0	108_01_s _ 201	3_7				
	Comn	nent Cod	le			
Inspector Comment						
aintains a	stockpile of flo	od resp	onse mater	ials.		
· · · · · ·						
	Emergend Equipmer DWR_RD0	Issue Type + Earthen Levee Emergency Supplies & Equipment DWR_RD0108_01_s _ 201 Comn	Issue Type + Ma Earthen Levee Emergency Supplies & Equipment DWR_RD0108_01_s _ 2013_7 Comment Coc	Issue Type + Ma Location * Earthen Levee GPS La Start Emergency Supplies & Equipment DWR_RD0108_01_s _ 2013_7 Comment Code Inspector Comment	Issue Type + Ma Location * Earthen Levee GPS Latitud Start Emergency Supplies & Equipment DWR_RD0108_01_s _ 2013_7 Comment Code	Issue Type + Ma Location * N/A Earthen Levee GPS Latitude/Longitude Start End Emergency Supplies & Equipment

No Photos

+ Issue Type
Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start		Rating **	Α	Issue No.		9	
LM End		Issue Type +	Ма	Location *		N/A	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Flood Pre	paredness &	Training		٥		0
пеш					٥		0
DWR ID	DWR_RD0	108_01_s _ 201	3_9				
		Comn	nent Cod	le			
	Inspector Comment						
RD 108 ha	s written r	esponse plan	s and reg	gular flood i	resp	onse training	

No Photos

LM Start	0.06	Rating **	М	Issue No.		38	
LM End	0.06	Issue Type +	Ма	Location *		N/A	
Category	Suppleme	GPS Latitude/Longitude					
Calegory						End	
Item	DWR UCI	IP LMA Respo	onsibility	38.82289	7°	38.822897	0
item				-121.79700	o°	-121.797000	0
DWR ID							

Comment Code

Inspector Comment

FS_ID:37608 DS_ID:17943 EP_NO: 9396

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.

FIELD_STRUCT_DESC: 1 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App.9396-RD). O&M Manual SAC 132; October 1959

FS Date: 6/10/2014

Photo 1 of 3: UCIP_SP_2017_37608_68207.jpg



View of concrete structure visible on waterward side.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	0.06	Rating **	М	Issue No.	sue No. 38 (cont	
LM End	0.06	Issue Type +	Ма	Location *	N/A	
Category	Supplemental					le/Longitude
Calegory				Start		End
Item	DWR UC	P LMA Respo	nsibility	38.82289)7°	38.822897 °
пеш				-121.79700	00°	-121.797000 °
DWR ID	DWR ID					
	Comment Code					

Inspector Comment

FS_ID:37608 DS_ID:17943 EP_NO: 9396

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.

FIELD_STRUCT_DESC: 1 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App.9396-RD). O&M Manual SAC 132; October 1959

FS Date: 6/10/2014

LM Start	0.06	Rating **	M	Issue No.	38 (cont)
I M End	0.06	Issue Type +	Ma	Location *	N/A



Dense vegetation on waterward side.

Photo 3 of 3: UCIP_SP_2017_37608_68208.jpg



View of concrete structure visible on landward side.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	0.06	Rating **	М	Issue No.		39
LM End	0.06	Issue Type +	Ma	Location *	N/A	
Category	Catagoni Supplemental					e/Longitude
Calegory				Start End		
Item	DWR UC	IP LMA Respo	onsibility	38.8229	19°	38.822919°
пеш				-121.7970	46 °	-121.797046 °
DWR ID	WR ID					
Comment Code						

Inspector Comment

FS_ID:37609 DS_ID:22386 EP_NO: 9396

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.

FIELD_STRUCT_DESC: 2 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App.9396-RD). O&M Manual SAC 132; October 1959

FS Date: 6/10/2014

LM Start	0.06	Rating **	М	Issue No.	39 (cont)
LM End	0.06	Issue Type +	Ma	Location *	N/A



Concrete structure located on waterward side.

Photo 2 of 3: UCIP_SP_2017_37609_68215.jpg



Dense vegetation covers the waterward slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	0.06 Rating ** M		Issue No.		39 (cont)		
LM End	0.06	Issue Type +	Ма	Location *		N/A	
Category	Suppleme	GPS La	titud	e/Longitude			
Calegory				Start		End	
Item	DWR UC	DWR UCIP LMA Responsibility				38.822919	0
item				-121.79704	6°	-121.797046	0
DWR ID							

Comment Code

Inspector Comment

FS_ID:37609 DS_ID:22386 EP_NO: 9396

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.

FIELD_STRUCT_DESC: 2 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App.9396-RD). O&M

Manual SAC 132; October 1959 FS Date: 6/10/2014

Photo 3 of 3: UCIP_SP_2017_37609_68213.jpg



View of concrete structure located on landward side.

Rating ** Issue No. LM Start 0.06 M 40 Issue Type + Location * N/A LM End 0.06 Ma Supplemental GPS Latitude/Longitude Category Start End DWR UCIP LMA Responsibility 38.822933° 38.822933 ° Item -121.797081 ° -121.797081 ° DWR ID

Comment Code

Inspector Comment

FS_ID:37610 DS_ID:22387 EP_NO: 9396

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.

FIELD_STRUCT_DESC: 3 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App.9396-RD). O&M Manual SAC 132; October 1959

FS Date: 6/10/2014

Photo 1 of 3: UCIP_SP_2017_37610_68216.jpg



Concrete structure located on waterward side.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	0.06	Rating **	М	Issue No.		40 (cont)		
LM End	0.06	Issue Type +	Ma	Location *		N/A		
Category	ental		GPS Latitude/Longitude					
Calegory				Start		End		
Item	DWR UC	IP LMA Respo	onsibility	38.8229	33 °	38.822933 °		
пеш				-121.79708	81 °	-121.797081 °		
DWR ID								
Comment Code								

Inspector Comment

FS_ID:37610 DS_ID:22387 EP_NO: 9396

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.

FIELD_STRUCT_DESC: 3 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App.9396-RD). O&M Manual SAC 132; October 1959

FS Date: 6/10/2014

LM Start	0.06	Rating **	М	Issue No.	40 (cont)
LM End	0.06	Issue Type +	Ma	Location *	N/A



Dense vegetation covers waterward side slope.

Photo 3 of 3: UCIP_SP_2017_37610_68217.jpg



Concrete structure located on landward side.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	0.06	Rating **	М	Issue No.		41
LM End	0.06	Issue Type +	Ма	Location *		N/A
Category	Suppleme	GPS La	titud	le/Longitude		
Calegory				Start		End
Item	DWR UC	onsibility	38.8228	97 °	38.822897 °	
item				-121.7970	00°	-121.797000 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:37611 DS_ID:22388 EP_NO: 9396

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.

FIELD_STRUCT_DESC: 4 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App.9396-RD). O&M Manual SAC 132; October 1959

FS Date: 6/10/2014

LM Start	0.06	Rating **	М	Issue No.	41 (cont)
LM End	0.06	Issue Type +	Ma	Location *	N/A

Photo 1 of 3 : UCIP_SP_2017_37611_68220.jpg



Concrete structure located on waterward side.

Photo 2 of 3: UCIP_SP_2017_37611_68224.jpg



Waterward slope covered by dense vegetation.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	0.06	Rating **	М	Issue No.		41 (cont)
LM End	0.06	Issue Type +	Ma	Location *		N/A
Category	Suppleme	ental		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	DWR UCI	onsibility	38.8228	97°	38.822897 °	
item				-121.7970	00°	-121.797000 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:37611 DS_ID:22388 EP_NO: 9396

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.

FIELD_STRUCT_DESC: 4 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App.9396-RD). O&M

Manual SAC 132; October 1959

FS Date: 6/10/2014



Concrete structure visible on landward side.

LM Start	0.07	Rating **	М	Issue No.		42
LM End	0.07	Issue Type +	Ма	Location *	N/A	
Category	Suppleme	GPS Lat	tuc	le/Longitude		
Calegory				Start		End
Item	DWR UC	P LMA Respo	nsibility	38.82295	4 °	38.822954 °
item				-121.79713	5°	-121.797135 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:37607 DS_ID:22389 EP_NO: 9396

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.

FIELD_STRUCT_DESC: 5 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App.9396-RD). O&M Manual SAC 132; October 1959

FS Date: 6/10/2014

Photo 1 of 3: UCIP_SP_2017_37607_68203.jpg



Concrete structure located on waterward side.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	0.07	Rating **	М	Issue No.		42 (cont)		
LM End	0.07	Issue Type +	Ma	Location *		N/A		
Supplemental				GPS Latitude/Longitude				
Calegory	Calegory			Start		End		
Item	DWR UCI	IP LMA Respo	onsibility	38.8229	54°	38.822954°		
пеш				-121.7971	35 °	-121.797135 °		
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:37607 DS ID:22389 EP_NO: 9396

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.

FIELD_STRUCT_DESC: 5 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App. 9396-RD). O&M Manual SAC 132; October 1959

FS Date: 6/10/2014

LM Start	0.07	Rating ** M		Issue No.	42 (cont)	
LM End	0.07	Issue Type +	Ma	Location *	N/A	

Photo 2 of 3: UCIP_SP_2017_37607_68206.jpg



Waterward slope covered by dense vegetation.

Photo 3 of 3: UCIP_SP_2017_37607_68204.jpg



Concrete structure located on landward side.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	0.10	Rating **	U	Issue No.		19	
LM End	3.53	Issue Type +	Ma	Location *	WS		
Category	Earthen L	.evee		GPS L	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	38.823151 °		38.842055°			
пеш	item				39°	-121.856554°	
DWR ID DWR_RD0108_01_s _ 2017_19							
		Comn	nent Cod	de			
V1 : Contre	•	grass and wee	ds on th	e levee slo	pes a	and	
		Inspecto	or Comm	nent			



Tall grass on waterside levee slope, blocking visibility/ Spring 2017.

							_
LM Start	0.10	Rating **	U	Issue No.		24	
LM End	16.25	Issue Type + Ma		Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
				Start		End	
ltom	Vegetatio	n		38.8231	51 °	38.984452	0
пеш	Item				39°	-121.947592	0
DWR ID DWR_RD0108_01_s _ 2017_24							
		Comn	nent Cod	le			

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



Tall grass on landside levee slope, blocking visibility. Spring 2017.

Photo 1 of 1: SP_2017_RD0108_203_25_20170503_00040.jpg

LM Start	1.48	Rating **	М	Issue No.		25		
LM End	1.51	Issue Type +	Ма	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory	lory			Start		End		
Item	Slope Stability			38.83083	39°	38.831009°		
пеш				-121.82132	21 °	-121.821821 °		
DWR ID DWR_RD0108_01_s _ 2017_25								

Comment Code S1: Repair slope instability.

Inspector Comment

150' sloughing section on landside levee slope. District will attempt to repair this site without USACE assistance.

Total distriction	- 4	 	
No. of Concession, Name of Street, or other Persons, Name of Street, or ot			



View of sloughing on landside slope. Spring 2017.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	1.93	Rating **	М	Issue No.		27	
LM End	1.97	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Calegory				Start		End	
Item	Slope Stability			38.8332	74 °	38.833486 °	
item			-121.829056 °		-121.829696 °		
DWR ID DWR_RD0108_01_s _ 2017_27							
		Comn	nent Cod	le			
S1 : Repai	r slope ins	tability.					
		Inspecto	or Comm	nent			
	0	n on crown ai hout USACE a			ope.	District will	



View of sloughing on landisde slope. Spring 2017.

LM Start	3.65	Rating **	М	Issue No.		23
LM End	3.65	Issue Type +	Ma	Location *	WS	
Category Earthen Levee				GPS La	atitud	le/Longitude
Calegory	Calegory			Start		End
Item	Encroach	ments		38.842620 °		38.842620°
пеш				-121.8587	32 °	-121.858732 °
DWR ID	DWR_RD0	5_23				
Comment Code						

DE : Debris

Inspector Comment



View of the debris on the waterward side of the levee. Fall 2015.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	3.97	Rating **	U	Issue No.		28		
LM End	4.10	Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Vegetatio	n		38.8432	93°	38.843562 °		
пеш					88°	-121.866885 °		
DWR ID	DWR_RD0	108_01_s _ 201	7_28					
		Comn	nent Cod	le				
V1 : Contre easements	•	grass and wee	eds on th	e levee slo	pes a	and		
		Inspecto	or Comm	nent				



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

LM Start	4.56	Rating **	U	Issue No.	30		
LM End	20.64	Issue Type +	Ма	Location *	WS		
Earthen Levee			GPS La	atitud	e/Longitude		
Calegory	Category					End	
Item	Vegetatio	n		38.8445	11 °	39.033933	
item				-121.8753	48 °	-121.993293	
DWR ID DWR_RD0108_01_s _ 2017_30							
	Comment Code						

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

LM Start	5.92	Rating **	С	Issue No.		17	
LM End	6.06	Issue Type +	Ma	Location *		CR	
Category Earthen Levee				GPS La	atitud	le/Longitude	
Calegory	egory					End	
Item	Crown Su	rface / Depres	ssions /	38.8522	30°	38.853967	. 0
пеш	Rutting			-121.8972	11 °	-121.898571	0
DWR ID	R ID DWR_RD0108_01_s _ 2016_17						
Comment Code							

LM End	6.06	Issue Type +	Ma	Location *	CR		
Category	Earthen L	evee		GPS La	atituc	de/Longitude	
Category				Start		End	
Item Crown Surface / Depressions				38.8522	30°	38.853967	0
item	Rutting		-121.897211 °		-121.898571 °		
DWR ID	DWR_RD0	108_01_s _ 201	6_17				
		Comm	nent Cod	le			
2 : Repai	r depressi	ons or ruts in	the crow	n or slope.			
		Inspecto	or Comm	ent			

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	8.27	Rating **	A/W	Issue No.	26	
LM End	8.27	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS L	atitud	e/Longitude
Calegory	,			Start		End
Item	Cracking		38.8825	95°	38.882595	
item				-121.914669 ° -121.9146		
DWR ID	DWR_RD0	108_01_f _ 201	5_26			
		Comn	nent Cod	de		
CR1 : Mor	nitor and ha	ave inspected	by geote	echnical en	gine	er.
	Inspector Comment					
Cracking s	still visible.	but appears t	o have c	losed up di	urina	winter

Cracking still visible, but appears to have closed up during winter season. Recommend monitoring.



View of the crack on the waterward side of the levee looking upstream. Suggest monitoring the crack. Fall 2015.

LM Start	8.98	Rating **	С	Issue No.		15
LM End	8.98	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Category				Start		End
Item	Encroach	ments		38.8929	12°	38.892912 °
item				-121.9146	36°	-121.914636°
DWR ID	DWR_RD0	108_01_f _ 201	6_15			
		Comn	nent Cod	le		
GA : Garba	age					
			_			
		Inspecto	or Comm	nent		

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	9.17	Rating **	U	Issue No.		10
LM End	9.20	Issue Type +	Ма	Location *		WS
Catagoria Earthen Levee			GPS Latitude/Longitude			
Calegory	Category			Start		End
Item	Slope Sta	bility		38.8956	05 °	38.896086°
пеш				-121.9146	45 °	-121.914646 °
DWR ID DWR_RD0108_01_s _ 2017_10						
		Comp	nont Coo	40		

S1 : Repair slope instability.

Inspector Comment

200' section of multiple sloughs. District submitted request for PL 84-99 assistance.



View of sloughing on waterside slope. Spring 2017.

Photo 1 of 1: SP_2017_RD0108_203_31_20170503_00045.jpg

LM Start	9.30 Rating ** M		Issue No.		31	
LM End	9.30	Issue Type +	Ma	Location *		WS
Category	evee	GPS La	atituc	le/Longitude		
Calegory			Start		End	
Item	Slope Sta	bility		38.8974	94°	38.897494 °
пеш				-121.9146	80°	-121.914680 °
DWR ID	DWR_RD0108_01_s _ 2017_31					

Comment Code

S1: Repair slope instability.

Inspector Comment

100' sloughing section on waterside slope. District submitted application for PL 84-99 assistance.

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- M 24	- 6	
* 4		V 0510012017
		三 2007 生姜

View of sloughing on waterside slope. Spring 2017.

	LM Start	11.20	Rating **	С	Issue No.	18		
	LM End	11.20	Issue Type +	Ма	Location *		CR	
	Category	Earthen L	.evee		GPS La	atitud	e/Longitude	
					Start		End	
	Item		rface / Depres	ssions /	38.9250	37°	38.925037	0
	пеш	Rutting		-121.9145	09 °	-121.914509	0	
	DWR ID	DWR_RD0	108_01_s _ 201	6_18				
			Cama	ant Can	ام			

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	11.36 Rating ** C			Issue No.		20	
LM End	12.19	Issue Type +	Ма	Location *	tion * CR		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
				Start		End	
Item		rface / Depres	ssions /	38.9273	25 °	38.938291 °	
item	Rutting			-121.913477°		-121.907516 °	
DWR ID	DWR_RD0	108_01_s _ 201	6_20				
		Comn	nent Cod	le			
C3 : Add a	ppropriate	gravel or road	d base.	Grade and	com	pact.	
		Inspecto	or Comm	ent			

No Photos

LM Start	12.68 Rating ** M			Issue No.		32			
LM End	12.71	Issue Type +	Ma	Location *		LS			
Category	Earthen L	evee		GPS Lat	itud	e/Longitude			
		Start		End					
Itom	Item Slope Stability			38.94537	6°	38.945719	0		
item				-121.90676	8 °	-121.906773	0		
DWR ID	DWR_RD0	108_01_s _ 201	7_32						
	0 10 1								

Comment Code

S1 : Repair slope instability.

Inspector Comment

150' sloughing section on crown and landside slope. District sumitted an application for PL 84-99 assistance.

LM Start	12.68	Rating **	М	Issue No.	32 (cont)
LM End	12.71	Issue Type +	Ma	Location *	LS

Photo 1 of 2: SP_2017_RD0108_203_32_20170503_00046.jpg



View of sloughing on crown and slope. Spring 2017.

Photo 2 of 2: SP_2017_RD0108_203_32_20170503_00047.jpg



Additional view of sloughing. Spring 2017.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	14.47	Rating **	U	Issue No.	33			
LM End	14.55	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory			Start		End			
Item	Slope Stability			38.9670	62 °	38.967784 °		
пеш			-121.9231	13 °	-121.924148°			
DWR ID	DWR_RD0	108_01_s _ 201	7_33					
		Comn	nent Cod	le				
S1 : Repair slope instability.								
	Inspector Comment							

400' sloughing section on landside slope. District submitted an application for PL 84-99 assistance.



View of sloughing on landside slope. Spring 2017.

LM Start	14.76	Rating **	М	Issue No.		21	
LM End	14.76	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category			Start		End		
Item	Slope Stability			38.9698	52°	38.969852 °	э
item				-121.9270	23 °	-121.927023 °	э
DWR ID	DWR_RD0108_01_s _ 2017_21						

Comment Code

S1 : Repair slope instability.

Inspector Comment

100' slough section on landside slope. District will repair without PL 84-99 assistance.

Photo 1 of 1 : SP_2017_RD0108_203_21_20170503_00049.jpg



View of slouhging on landside slope. Spring 2017.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	15.46	Rating **	С	Issue No.		22		
LM End	15.74	Issue Type +	Ma	Location *		CR		
Earthen Levee				GPS La	atitud	e/Longitude		
Category				Start		End		
Item		rface / Depre	ssions /	38.9766	84°	38.979377 °		
item	Rutting			-121.936696 °		-121.940526°		
DWR ID	DWR ID DWR_RD0108_01_s _ 2016_22							
		Comn	nent Cod	le				
C2 : Repa	ir depressi	ons or ruts in	the crow	n or slope.				
		Inspect	or Comm	nent				

No Photos

LM Start	16.25	Rating **	М	M Issue No. 34		34
LM End	17.45	Issue Type +	Ma	Location *		LS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End
Item	Vegetatio	n		38.9844	53°	38.997350°
пеш			-121.94759	91 °	-121.962543°	
DWR ID	DWR_RD0	108_01_s _ 201	7_34			

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	17.26	Rating **	U	Issue No.		35			
LM End	17.31	Issue Type +	Ma	Location *		LS			
Category Earthen Levee				GPS Lati	tud	e/Longitude			
Category				Start		End			
Item	Slope Sta	bility		38.99529	3°	38.995785°			
пеш				-121.96020	°	-121.960776°			
DWR ID DWR_RD0108_01_s _ 2017_35									
	Comment Code								

Comment Code

S1: Repair slope instability.

Inspector Comment

200' sloughing section on landside slope. District submitted an application for PL 84-99 assistance.

Photo 1 of 1: SP_2017_RD0108_203_35_20170503_00050.jpg



View of sloughing on landside slope. Spring 2017.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	17.45	Rating **	U	Issue No.		36		
LM End	20.32	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Vegetatio	n		38.9973	50°	39.031093°		
пеш				-121.962543 °		-121.989451 °		
DWR ID	DWR_RD0	108_01_s _ 201	7_36			·		
		Comn	nent Cod	le				
V1 : Contro easements		grass and wee	eds on th	e levee slop	oes a	and		
	Inspector Comment							



Tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	18.24	Rating **	М	Issue No.		29		
LM End	18.24	Issue Type +	Ma	Location *		Location *		WS
Category Earthen Levee				GPS Latitude/Longitude				
Calegory			Start		End			
Item	Animal Co	ontrol		39.0057	66°	39.005766°		
пеш				-121.9723	46 °	-121.972346°		
DWR ID	DWR_RD0	108_01_f _ 201	5_29					

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment





Updated view of a site with rodent activity. Fall 2016 inspection.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	18.24	Rating **	М	Issue No.		29 (cont)	
LM End	18.24	Issue Type +	Ma	Location *		WS	
Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Animal Co	ontrol		39.0057	66°	39.005766°	
пеш				-121.9723	46°	-121.972346°	
DWR ID	DWR_RD0	108_01_f _ 201	5_29				
		Comn	nent Cod	le			
	dents visib r grout bur	le, but rodent rows.	burrows	visible; nee	ed to	backfill and	
		Inspecto	or Comm	nent			



View of the animal hole on the waterward side of the levee looking upstream. Fall 2015.

LM Start	19.27	Rating **	М	Issue No.		1		
LM End	19.35	Issue Type +	Ma	Location *	WS			
Supplemental				GPS Lat	itud	le/Longitude		
Calegory	ategory					End		
Item		ACE Erosion S	Survey,	39.01672	7°	39.017516	0	
item	DRAFT			-121.98541	1 °	-121.986374	0	
DWR ID	DWR_RD0108_01_s _ 2016_1							
	Comment Code							

Inspector Comment

2011 - Toe scour at the bottom of a steep bank, large sections of the toe are sliding down. Erosion may be due to the upstream bend. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: CBD_19-2_L]

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	05/03/2017 05/03/2017	Zach Jojola

LM Start	20.36	Rating **	М	Issue No.		37			
LM End	20.64	Issue Type +	Ма	Location *		LS			
Earthen Levee				GPS La	atitud	e/Longitude			
Category			Start		End				
Item	Vegetation				15°	39.033932°			
пеш				-121.989842 °		-121.993293 °			
DWR ID DWR_RD0108_01_s _ 2017_37									
		Comn	nent Cod	de					
V1 : Contre	•	grass and wee	eds on th	e levee slo	pes	and			
		Inspecto	or Comm	nent					

No Photos

* Rating
A: Acceptable
M: Minimally Acceptable
U: Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Castle Properties	Right	0.28	05/02/2017 05/02/2017	Zach Jojola

LM Start	0.01	Rating **	U	Issue No.	2				
LM End	0.27	Issue Type +	Ma	Location *	WS				
Category Earthen Levee				GPS La	atitud	e/Longitude			
				Start		End			
Vegetation			38.796285 °		38.799029 °				
пеш				-121.727879 °		-121.724641 °			
DWR ID	DWR_RD0	108_02_s _ 201	7_2						
		Comn	nent Coo	le					
V1 : Control annual grass and weeds on the levee slopes and easements.									
		Inspecto	or Comm	nent					



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

LM Start	0.02	Rating **	М	Issue No.		6	
LM End	0.02	Issue Type +	Ма	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Animal Control			38.796355°		38.796355 °	
пеш				-121.727721 °		-121.727721 °	
DWR ID DWR_RD0108_02_f _ 2015_6							

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Mound does not look fresh but seems to have come from the rodent hole.

LM Start	0.02	Rating **	М	Issue No.	6 (cont)
LM End	0.02	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SP_2017_RD0108_590_6_20170320_00002.jpg



Mound next to rodent hole is more than 2 cubic feet of material.

Photo 2 of 3: SP_2017_RD0108_590_6_20170320_00003.jpg



Perspective view of the rodent hole on the waterward side of the levee looking upstream. Spring 2016.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Castle Properties	Right	0.28	05/02/2017 05/02/2017	Zach Jojola

LM Start	0.02	Rating **	М	Issue No.	6 (cont)			
LM End	0.02	Issue Type +	Ma	Location *	WS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Animal Control			38.796355°		38.796355 °		
item				-121.727721 °		-121.727721 °		
DWR ID DWR_RD0108_02_f _ 2015_6								
Comment Code								

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Mound does not look fresh but seems to have come from the rodent hole.



Another hole is on top of the crown. Spring 2016.

LM Start	0.03	Rating **	С	Issue No.	1		
LM End	0.03	Issue Type +	Ma	Location *	CR		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Crown Surface / Depressions /				38.796447°		38.796447°	
item	Rutting			-121.727487 °		-121.727487°	
DWR ID DWR_RD0108_02_f _ 2016_1							
		Comn	oont Coo	lo.			

Comment Code

C3: Add appropriate gravel or road base. Grade and compact.

Inspector Comment

Crown surface is damaged due to vehicular activity.

No Photos

LM Start	0.10	Rating **	U	Issue No.		3	
LM End	0.27	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetation			38.79713	30°	38.799027 °	
item				-121.7267	12°	-121.724641 °	
DWR ID DWR_RD0108_02_s _ 2017_3							

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



Tall grass on landside levee slope, blocking visibility. Spring 2017.

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable U : Unacceptable U : Unacceptable U : WA : Acceptable but Monitor & Maintain

** Rating

A : Not Inspected/Rated Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Castle Properties	Right	0.28	05/02/2017 05/02/2017	Zach Jojola

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement